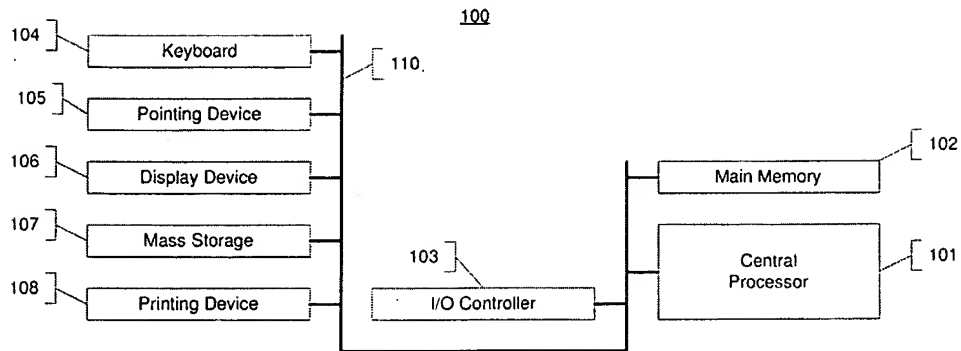
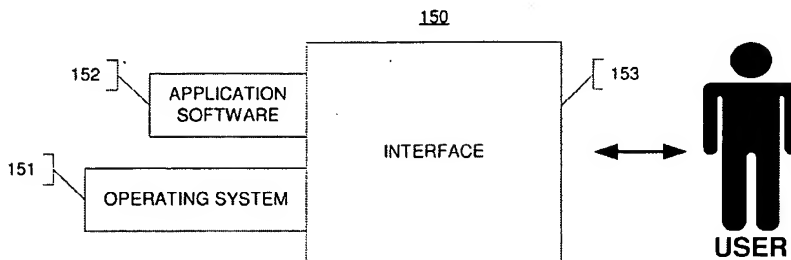


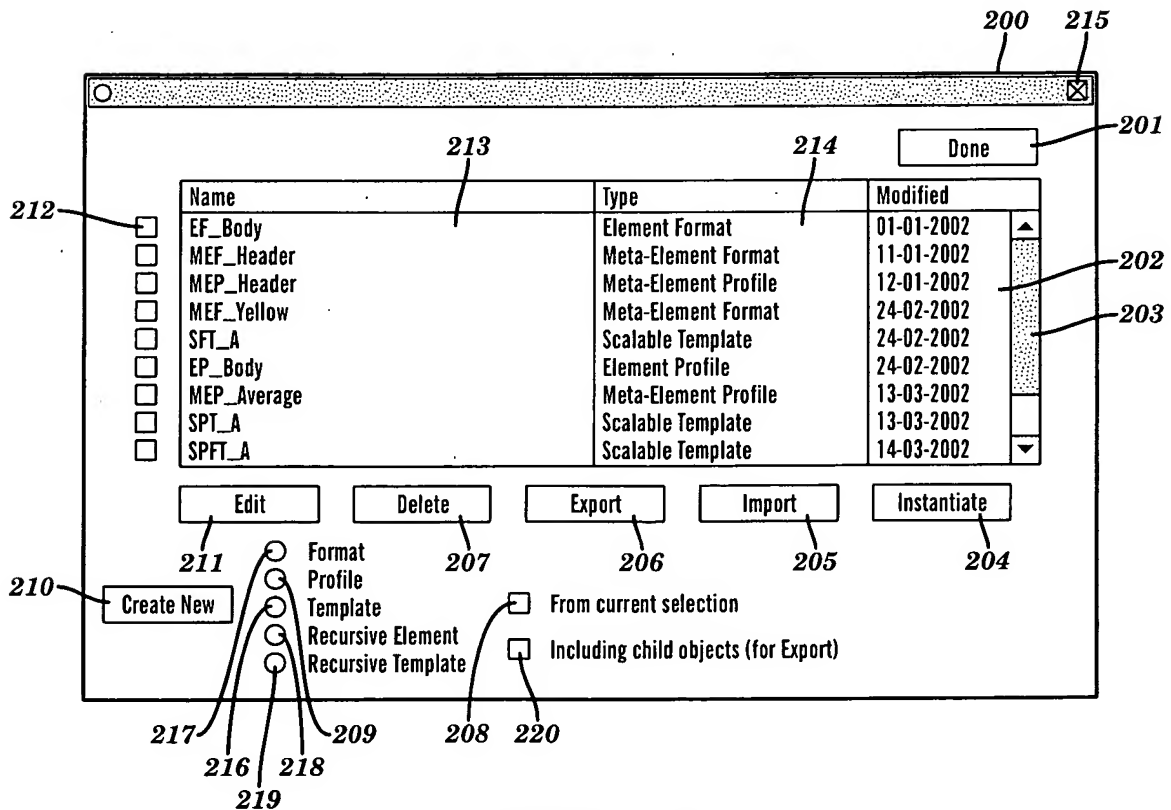
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**FIG. 1A**



**FIG. 1B**



**FIG. 2**

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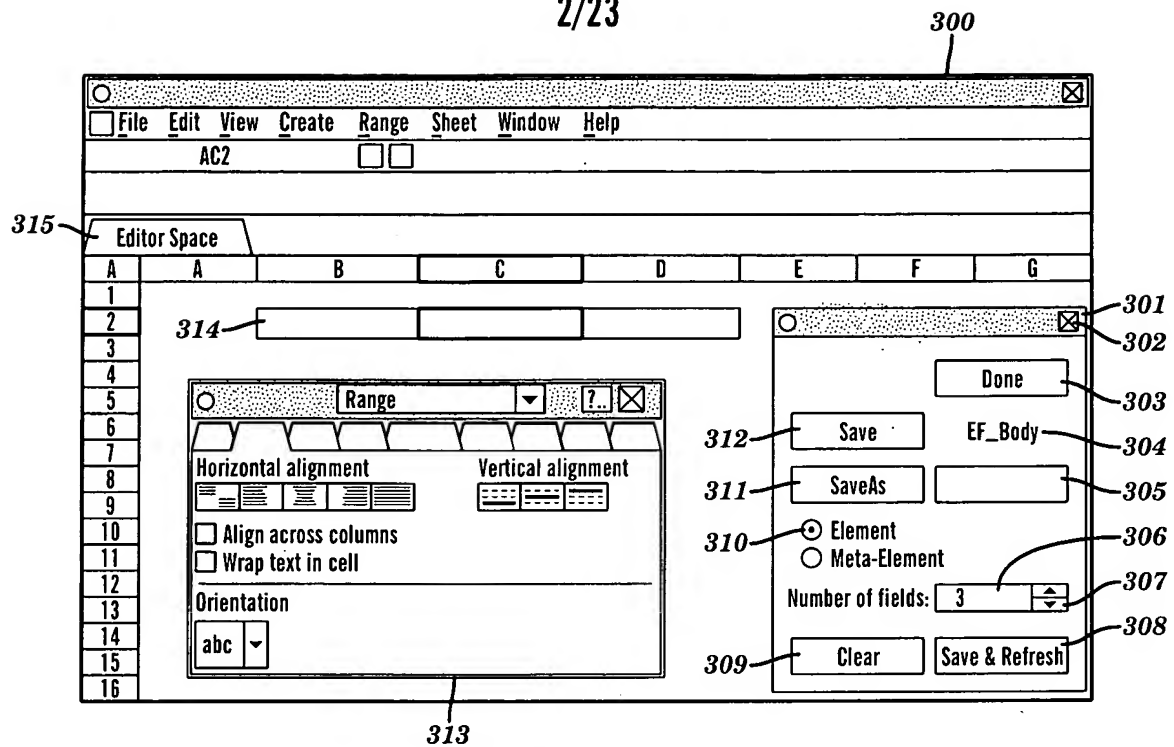


FIG. 3

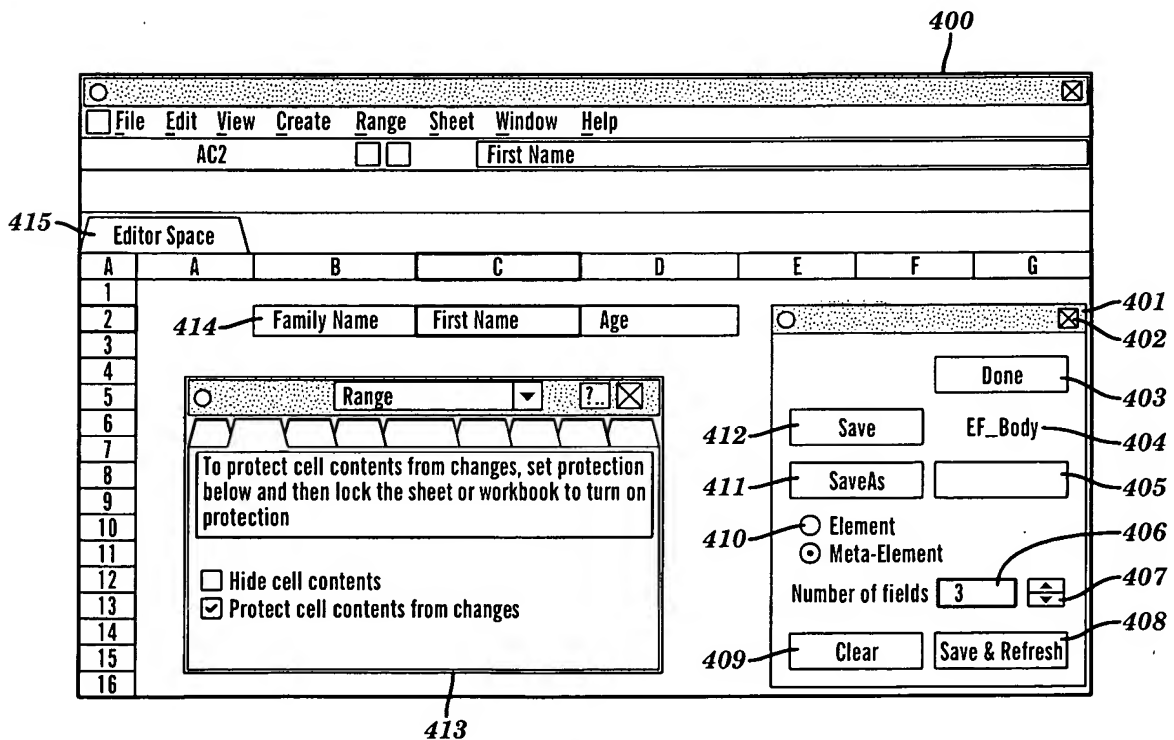


FIG. 4

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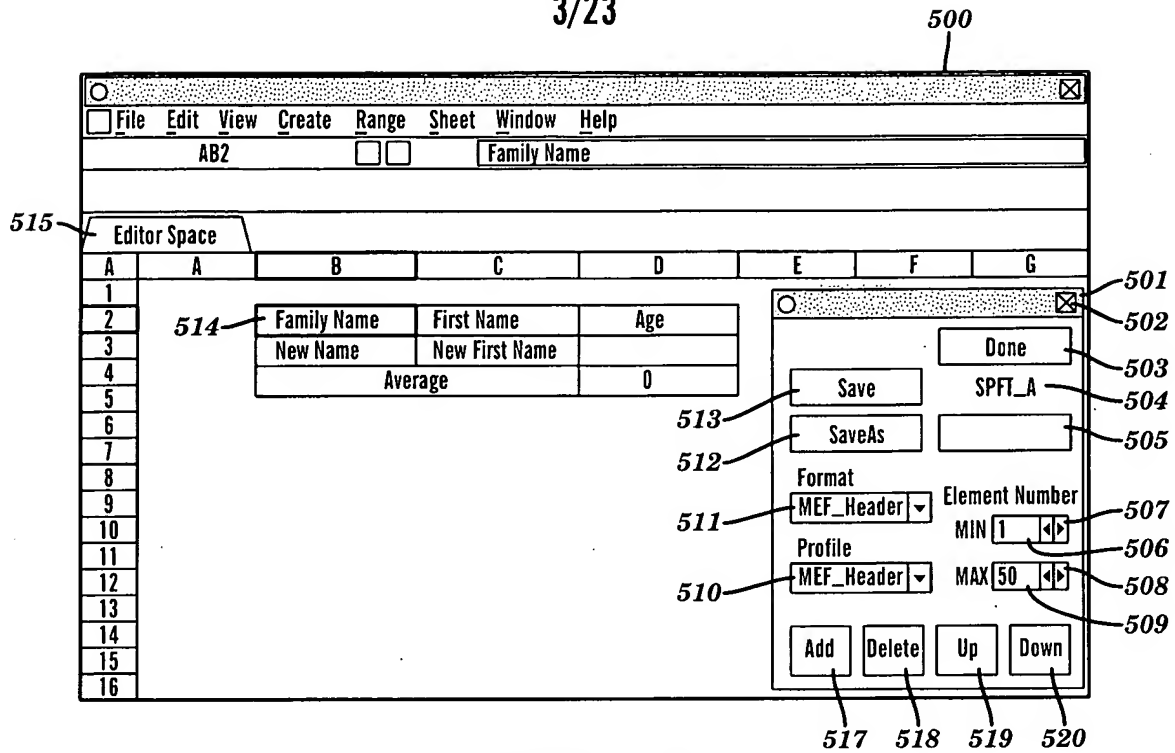


FIG. 5

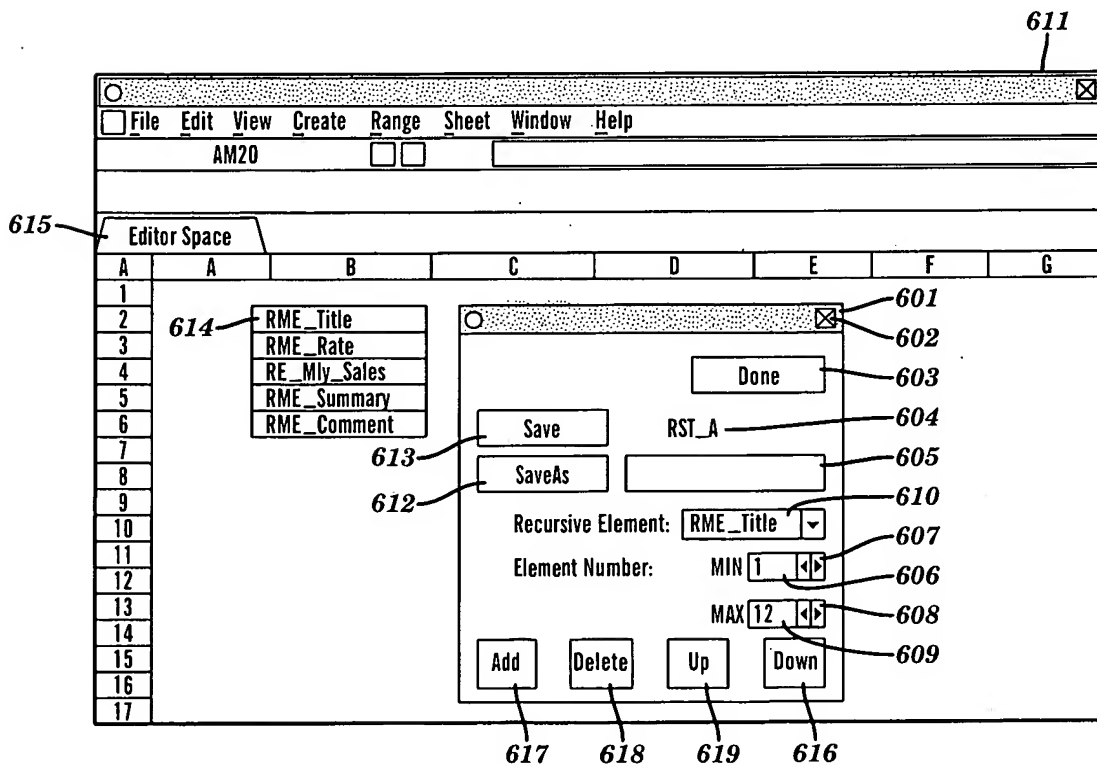
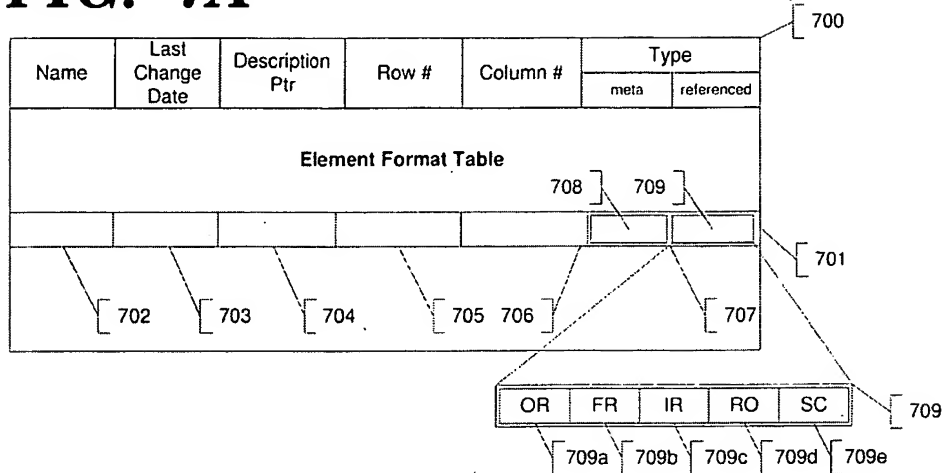
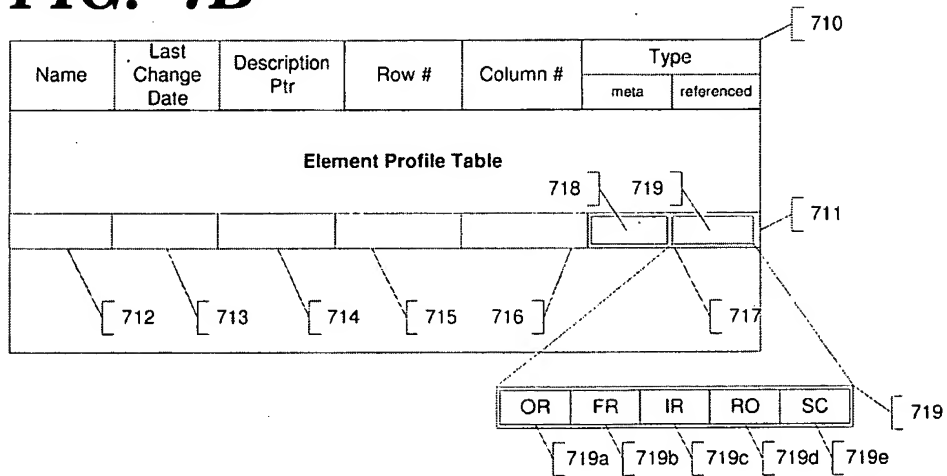
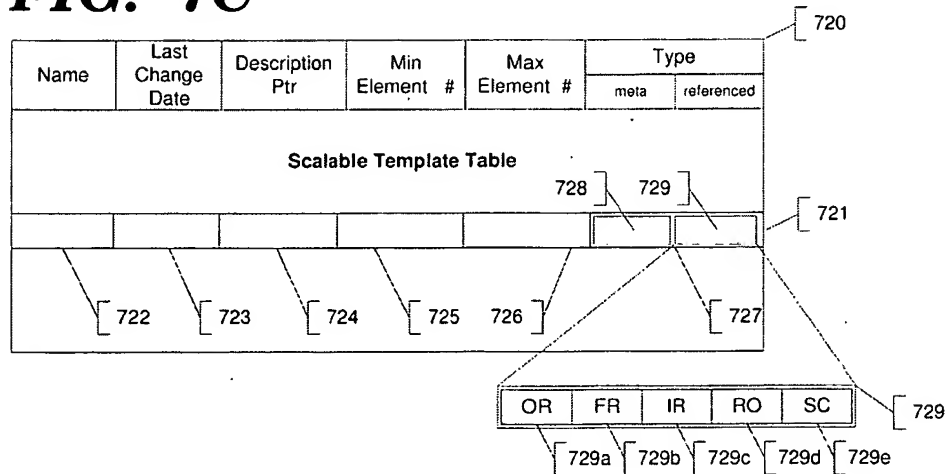
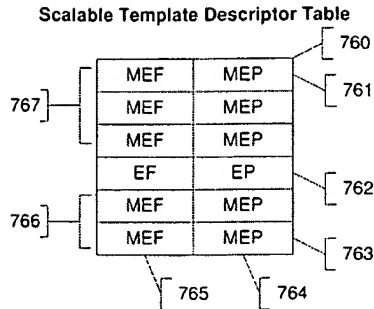
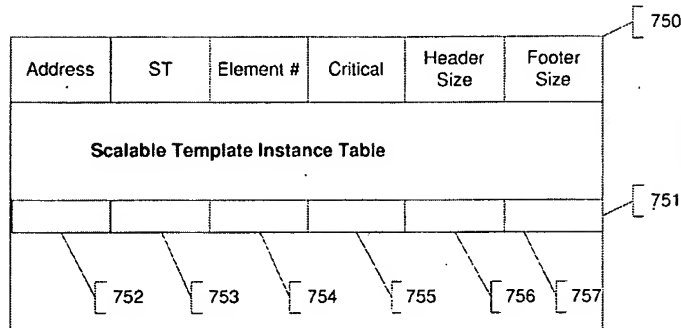
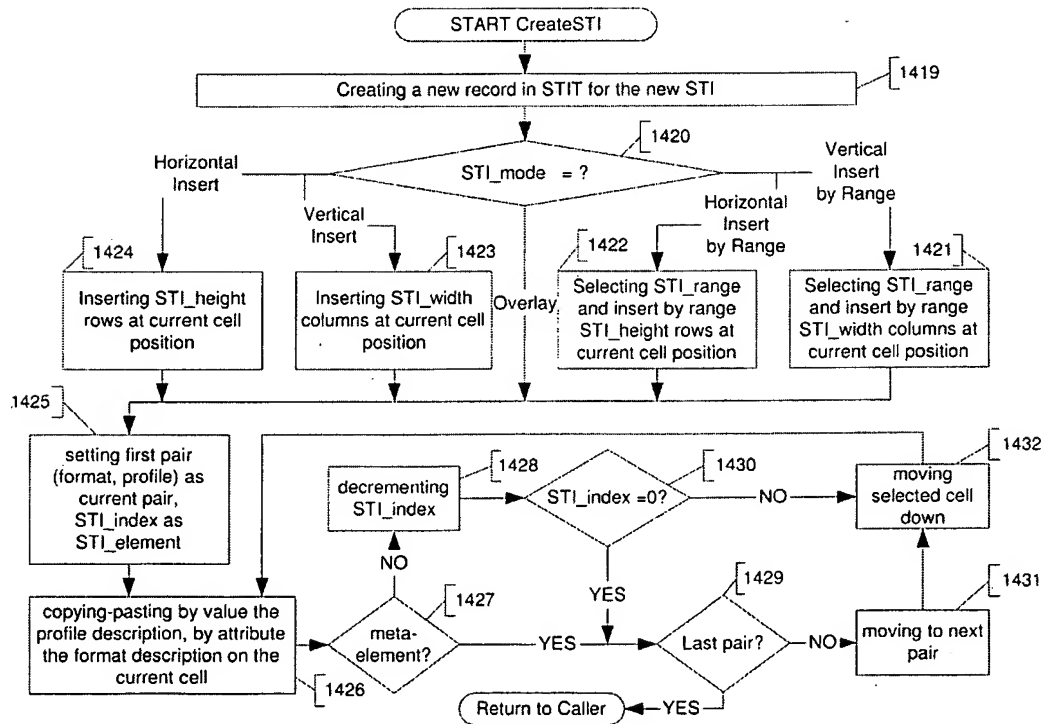


FIG. 6

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**FIG. 7A****FIG. 7B****FIG. 7C**

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**FIG. 7D****FIG. 7E****FIG. 14B**



**FIG. 8**

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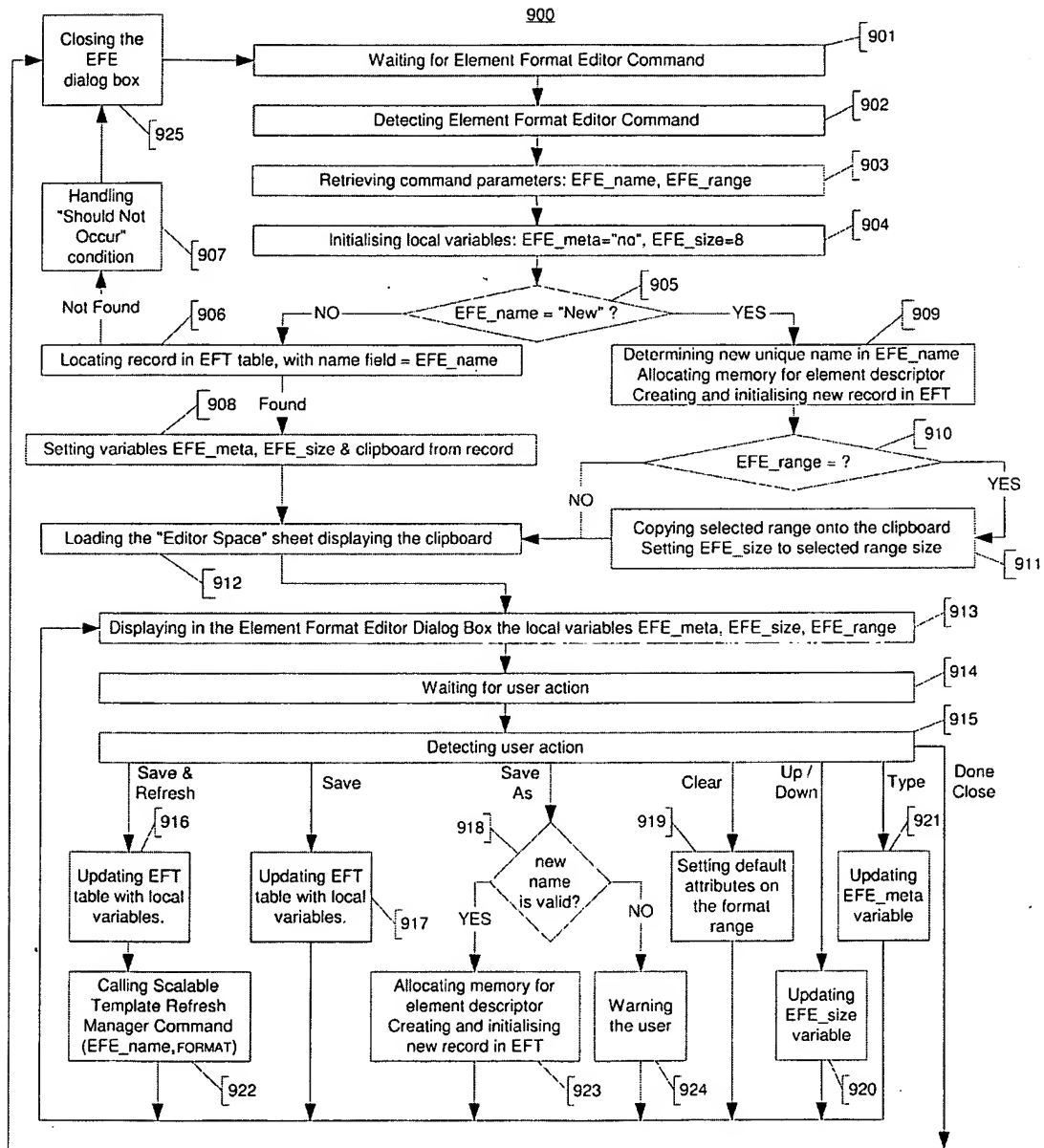


FIG. 9



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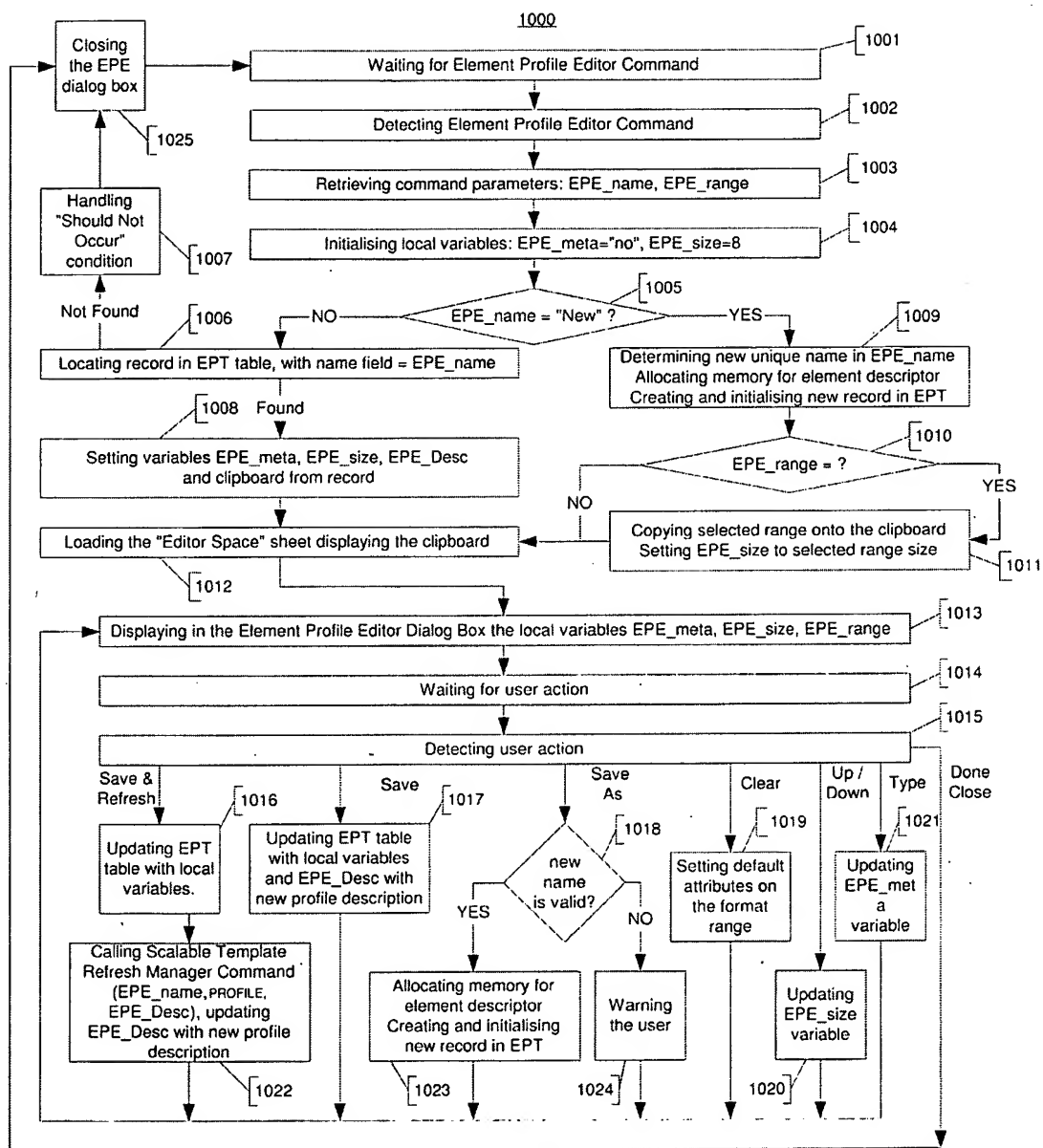


FIG. 10

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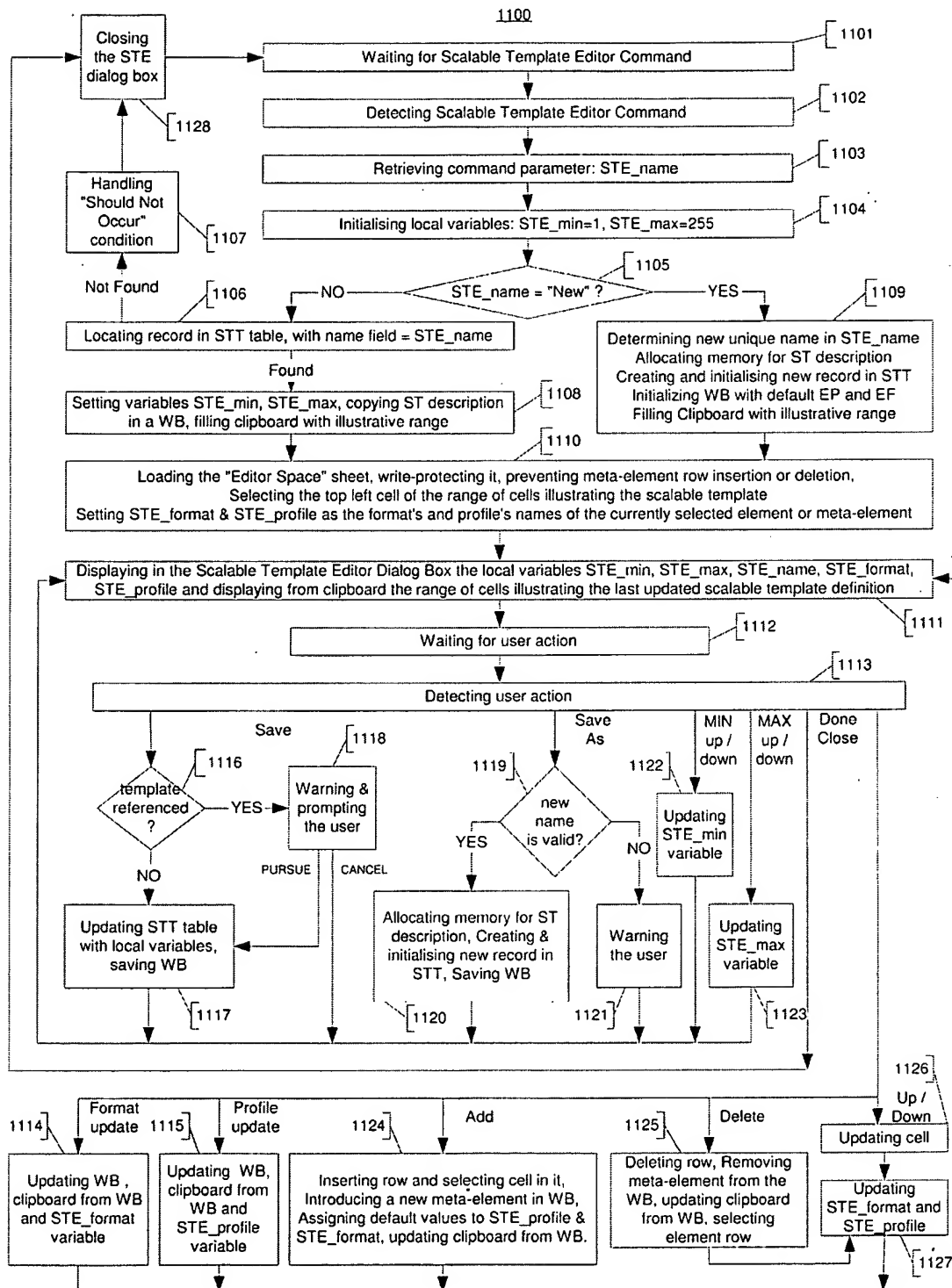


FIG. 11

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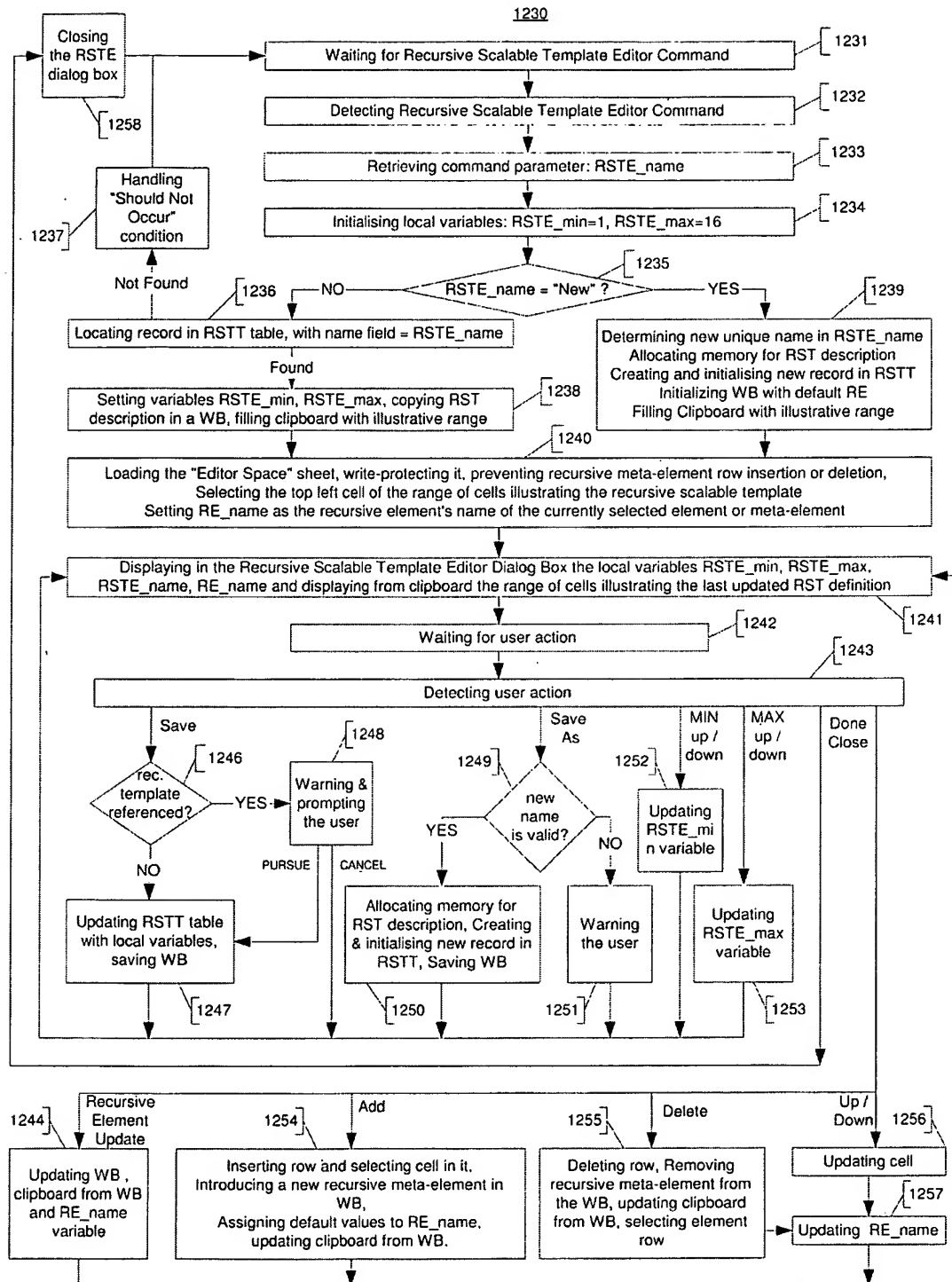


FIG. 12

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1312 1313 1315

1300 1301 1302 1303

New Instance: Element #  Template\_Name Critical ☒ Create Cancel

1311 1314

New Instance too wide NO Critical Instance Lost Other Instance Lost Data Lost

1310 New Instance too high NO

1309 Overlay YES YES YES

1308 Horizontal Insert NO NO YES

1307 Horizontal Insert by Range NO NO YES

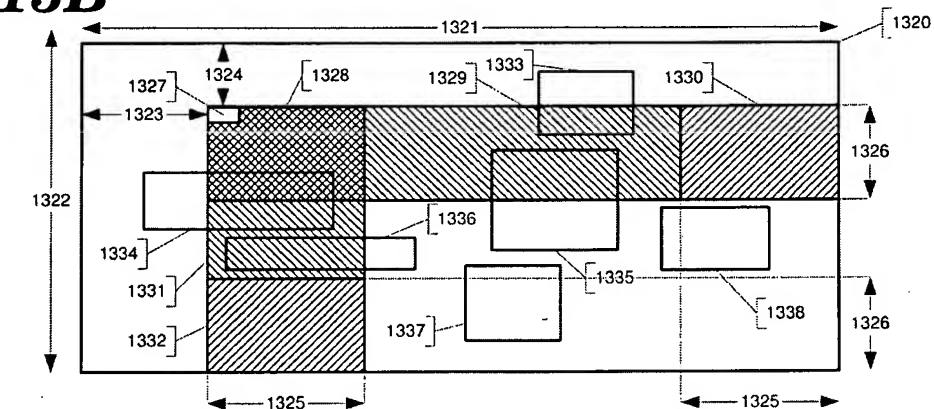
1306 Vertical Insert YES YES YES

1305 Vertical Insert by Range YES YES YES

1304

FIG. 13A

FIG. 13B

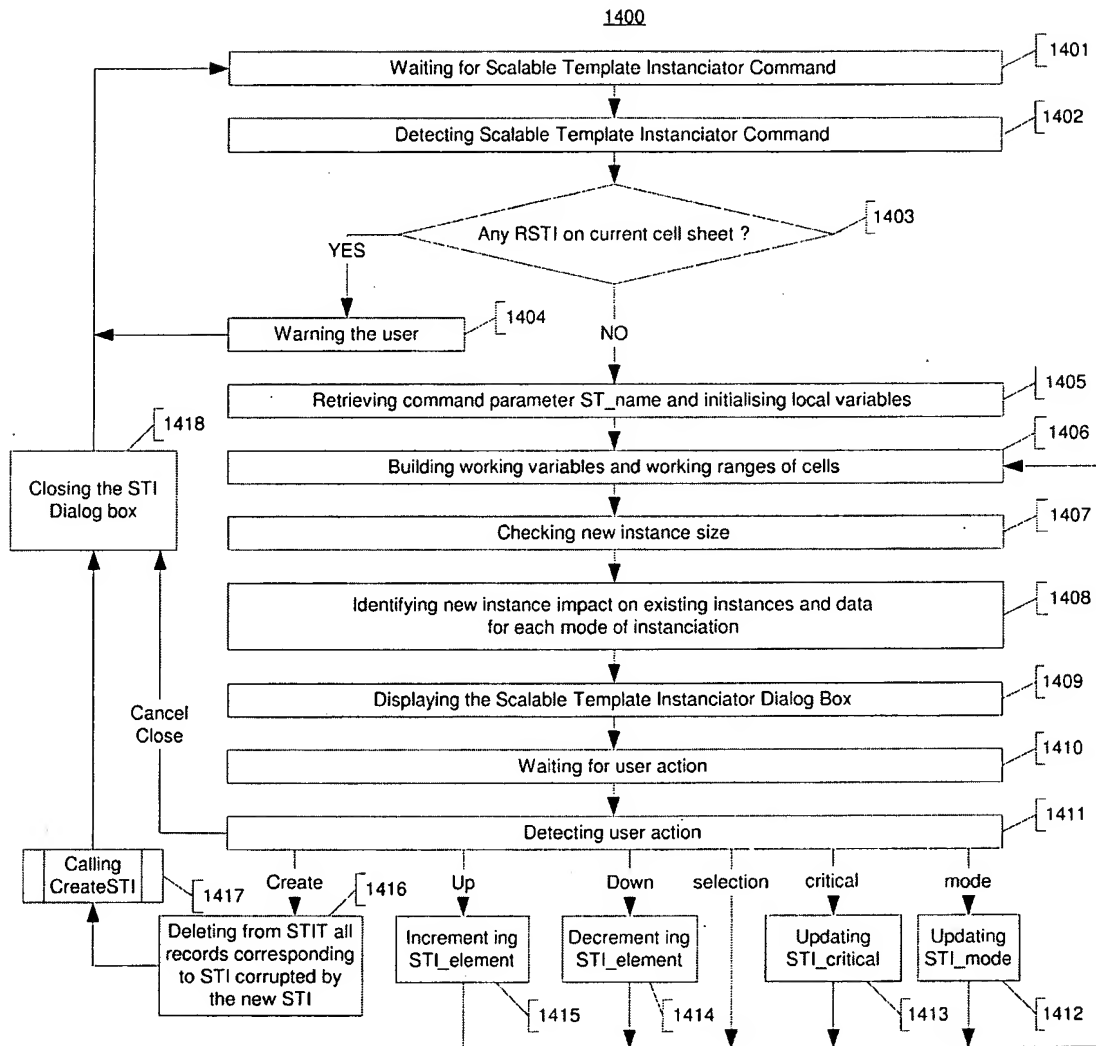


Recursive Scalable Template Instance Descriptor Table

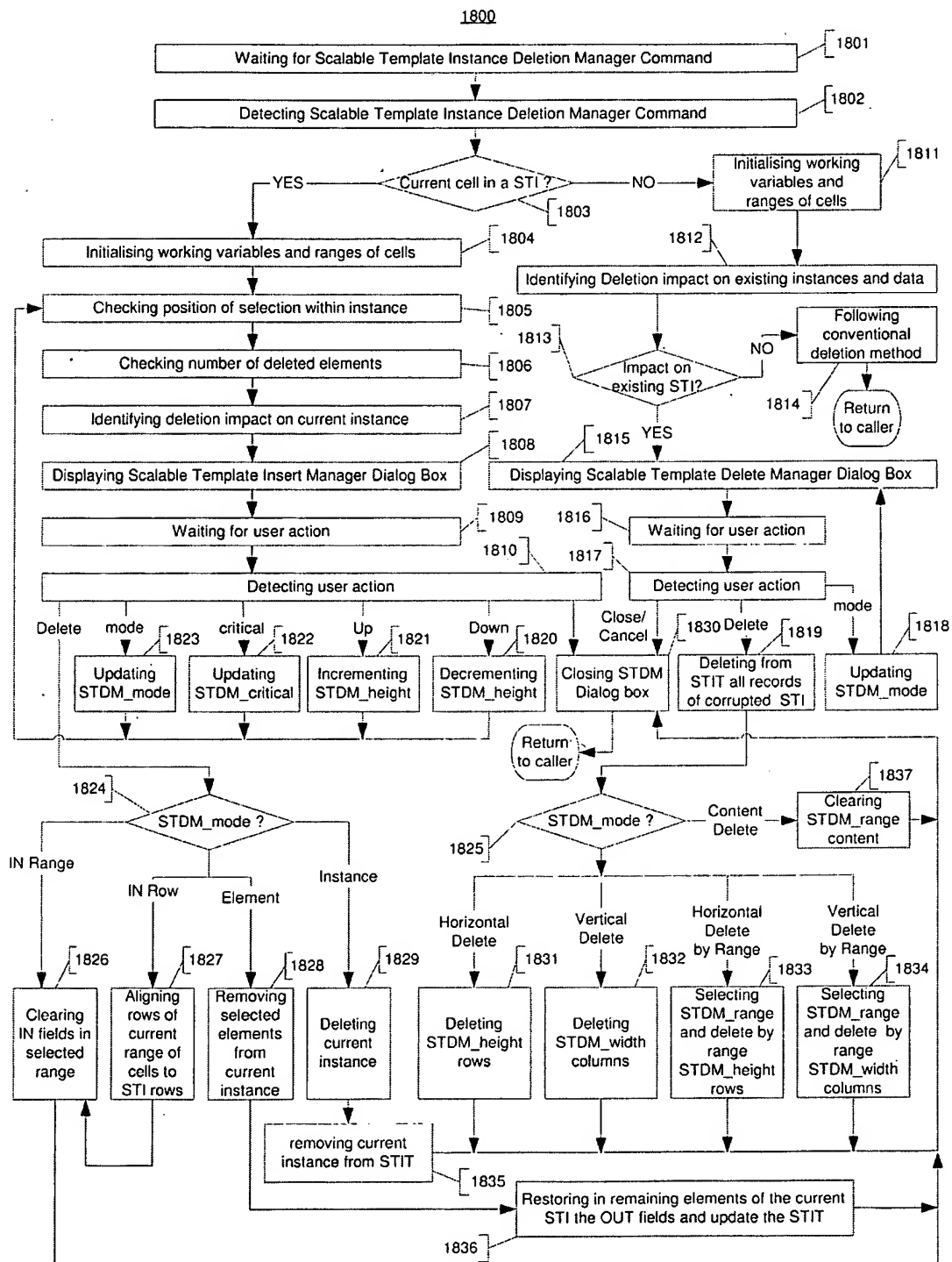
2276	2277	2278	2279	2280	2281	2282	2270
		STI_col	STI_row	ST_name			
		Container_col	Container_row				
		Container_range	STIT_rec_ptr				
2275							
2274	//	//	//	//			
2273							2272

FIG. 19F

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**FIG. 14A**

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**FIG. 15A**

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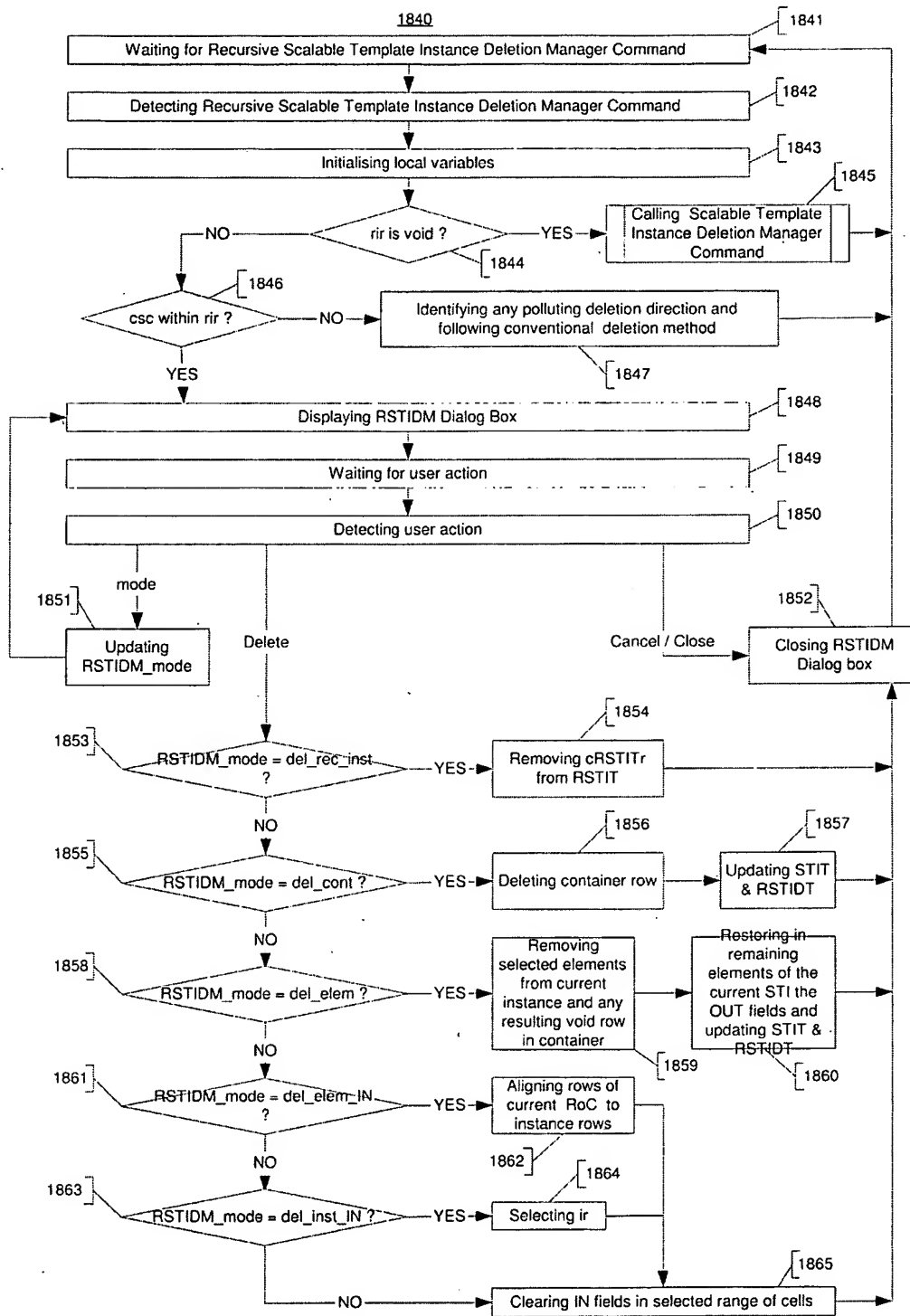


FIG. 15B

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**FIG. 16A**

**FIG. 16B**

1930	Content Delete	NO	NO	YES
1928	Horizontal Delete	NO	NO	YES
1927	Horizontal Delete by Range	NO	NO	YES
1926	Vertical Delete	YES	YES	YES
1925	Vertical Delete by Range	YES	YES	YES

**FIG. 16C**

- 1949 ☐ Delete IN fields in selected range
- 1948 ☐ Delete IN fields in selected elements of current Scalable Template Instance
- 1947 ☐ Delete IN fields in current Scalable Template Instance
- 1946 ☐ Delete selected elements in current Scalable Template Instance
- 1945 ☐ Delete Scalable Template Instance(s) in current container
- 1944 ☐ Delete Recursive Scalable Template Instance (preserving comprised STI's)



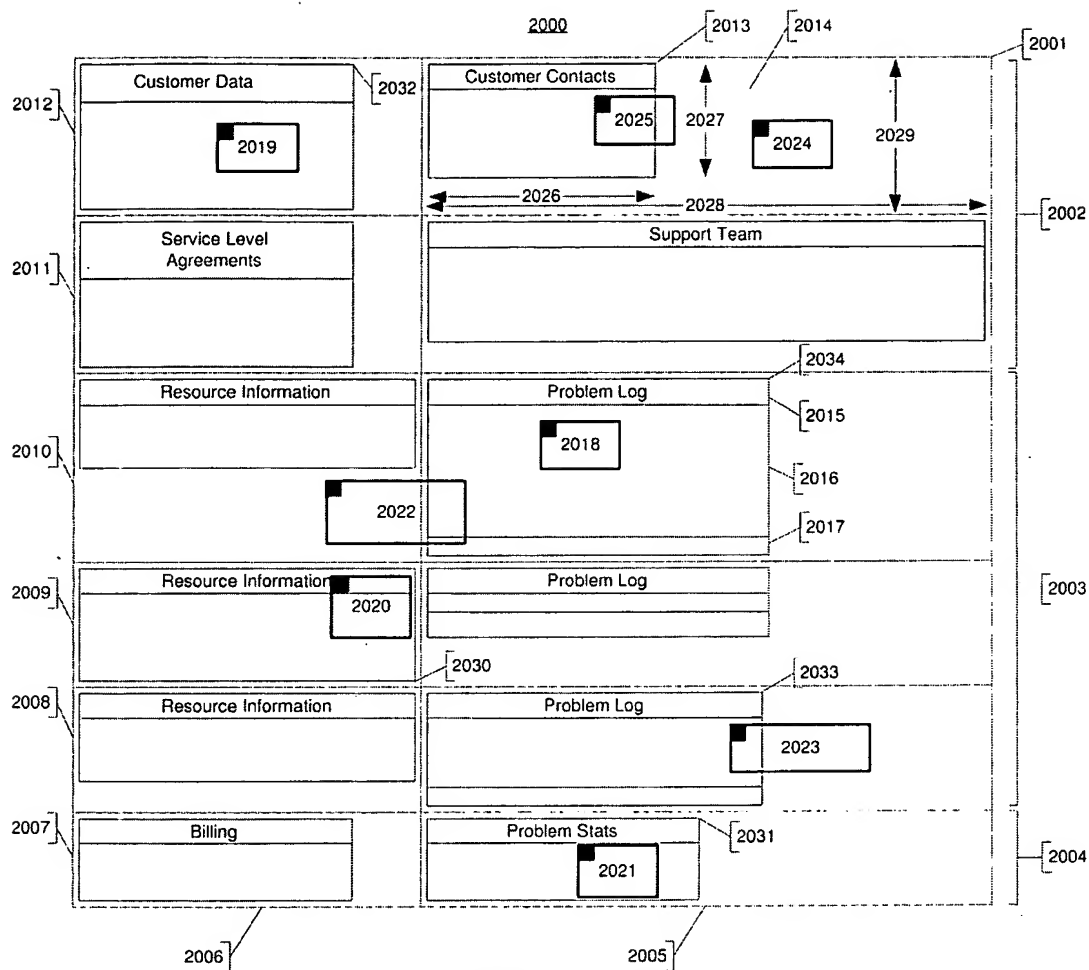


FIG. 17A

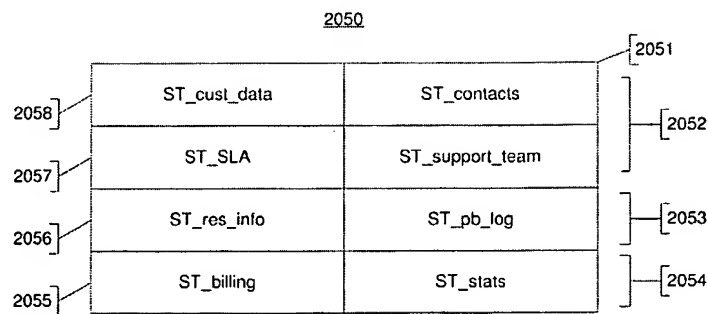


FIG. 17B

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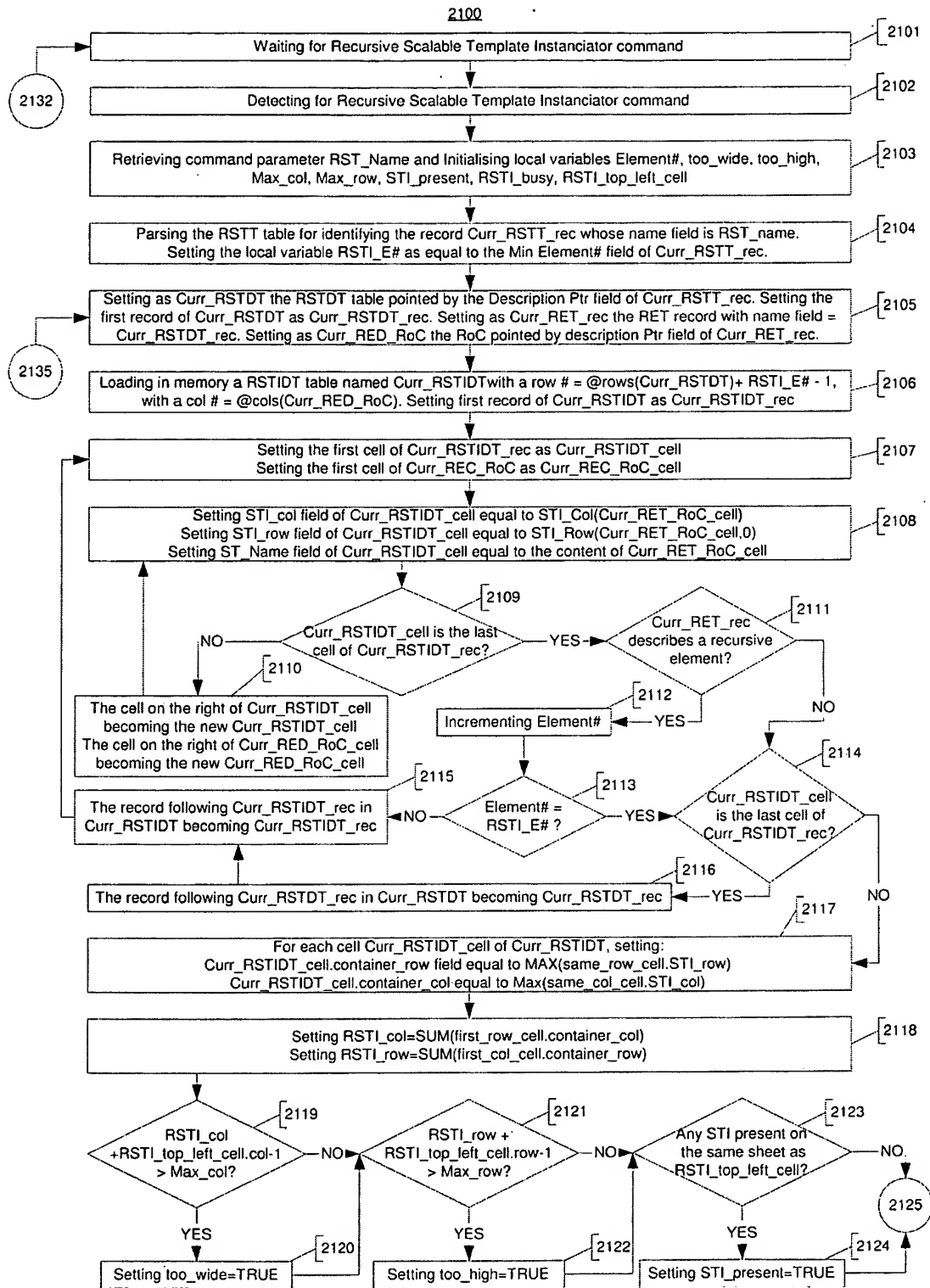


FIG. 18A

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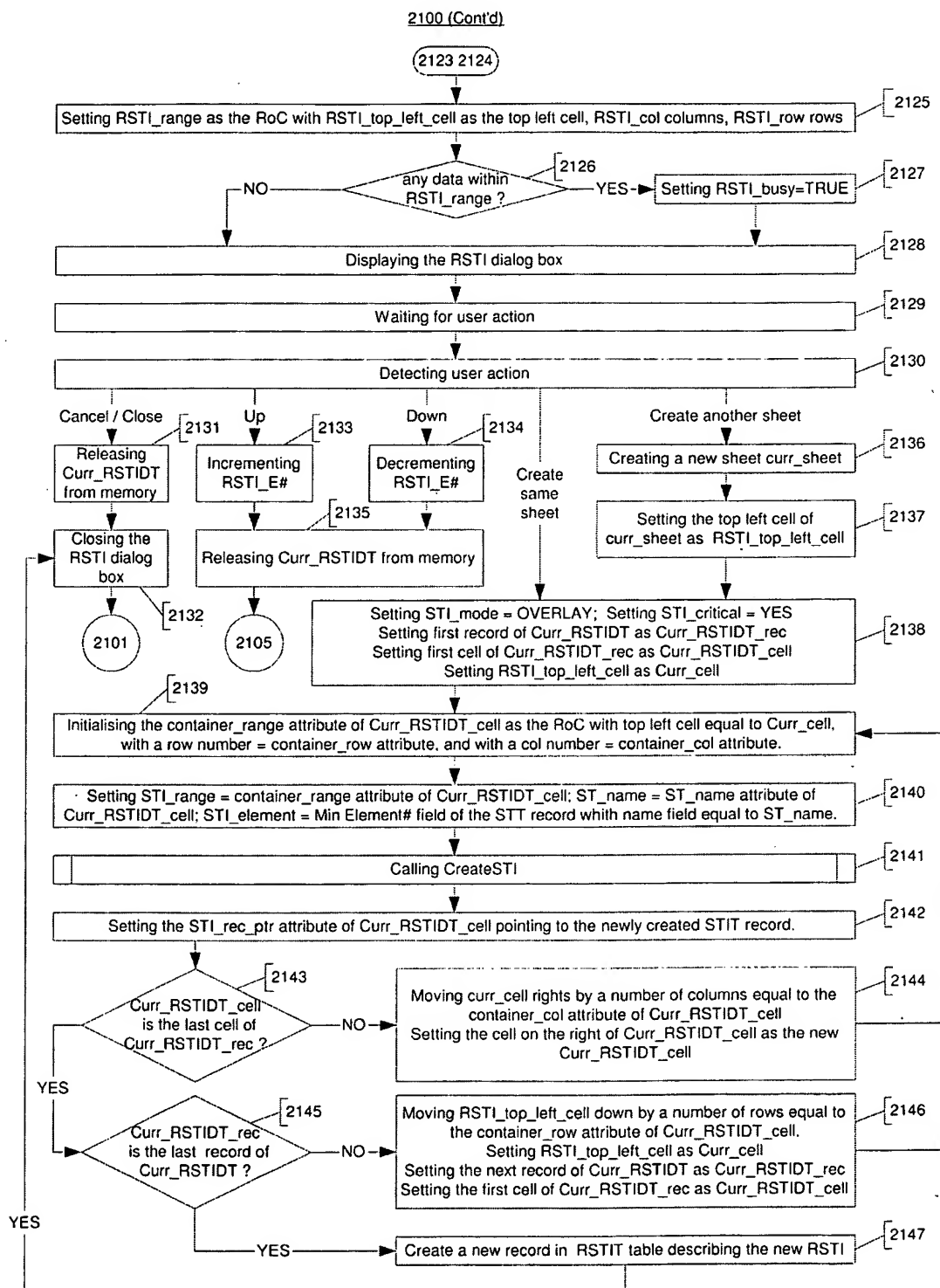


FIG. 18B

[illegible]

**FIG. 19A**

Name	Last Change Date	Description Ptr	Min Element #	Max Element #	Type						
					meta	referenced					
<b>Recursive Scalable Template Table</b>											
					<table border="1"> <tr> <td>OR</td> <td>FR</td> <td>IR</td> <td>RO</td> <td>SC</td> </tr> </table>		OR	FR	IR	RO	SC
OR	FR	IR	RO	SC							

Labels in diagram: 2220 (table header), 2221 (sub-table), 2222-2227 (main table cells), 2228-2229 (sub-table cells).

**FIG. 19C**

Name	Last Change Date	Description Ptr	Info Field 1	Info Field 2	Type				Index
					meta	referenced	nature	selected	
<b>Recursive Scalable Template Manager Table</b>									

Callout 2240 details:

OR	FR	IR	RO	SC
----	----	----	----	----

The diagram illustrates the structure of the Recursive Scalable Template Descriptor Table. It is a vertical stack of six entries. The first three entries are labeled 'RME' and are grouped by a bracket on the left labeled '2256'. The fourth entry is labeled 'RE' and is pointed to by a bracket on the right labeled '2252'. The fifth and sixth entries are labeled 'RME' and are grouped by a bracket on the right labeled '2253'. Individual pointers are shown on both sides: '2250' points to the top 'RME', '2251' points to the second 'RME', '2254' points to the bottom 'RME', and '2255' points to the 'RE' entry. The entire structure is captioned 'Recursive Scalable Template Descriptor Table' at the bottom.

The diagram illustrates the structure of the Recursive Scalable Template Instance Table. It is a table with six columns: Address, RST, Element #, RSTIDT Ptr, Header Size, and Footer Size. The table is divided into two main sections. The top section is labeled 2260 and contains the header information. The bottom section is labeled 2261 and contains the data rows. The data rows are further divided into six sub-sections, labeled 2262 through 2267, which correspond to the columns of the table.

Address	RST	Element #	RSTIDT Ptr	Header Size	Footer Size
Recursive Scalable Template Instance Table					

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FIG. 20A is a dialog box for creating a Recursive Scalable Template (RST). The dialog box has a title bar with a close button (2300) and a maximize button (2301). The main area contains the following fields and controls:

- Recursive Scalable Template Name:** A text input field (2302).
- Number of Recursive Elements:** A numeric input field (2303) with a value of 3 and left/right arrow buttons.
- Warning:** A section with four warning messages, each followed by a "NO" button:
  - RST Instance too wide (2304)
  - RST Instance too high (2305)
  - RST Instance on same sheet (2306)
  - RST Instance overlaps existing data (2307)
- Buttons:** Three buttons at the bottom: "Create instance" (2310), "Create instance in a new sheet" (2309), and "Cancel" (2308).

**FIG. 20A**

FIG. 20B is a dialog box for creating a Meta-Recursive Element (MRE). The dialog box has a title bar with a close button (2321) and a maximize button (2322). The main area contains the following fields and controls:

- Buttons:** "Save" (2333) and "SaveAs" (2332) buttons are on the left. A "Done" button (2323) is at the top right.
- MRE\_Header:** A text input field (2324) with a label above it.
- Radio Buttons:** Two radio buttons on the left: "Element" (2331) and "Meta-Element" (2330).
- Number of fields:** A numeric input field (2327) with a value of 3 and left/right arrow buttons.
- Field Rank:** A numeric input field (2329) with a value of 1 and left/right arrow buttons.
- Field Template:** A text input field (2328) with a value of "ST\_A" and left/right arrow buttons.

**FIG. 20B**

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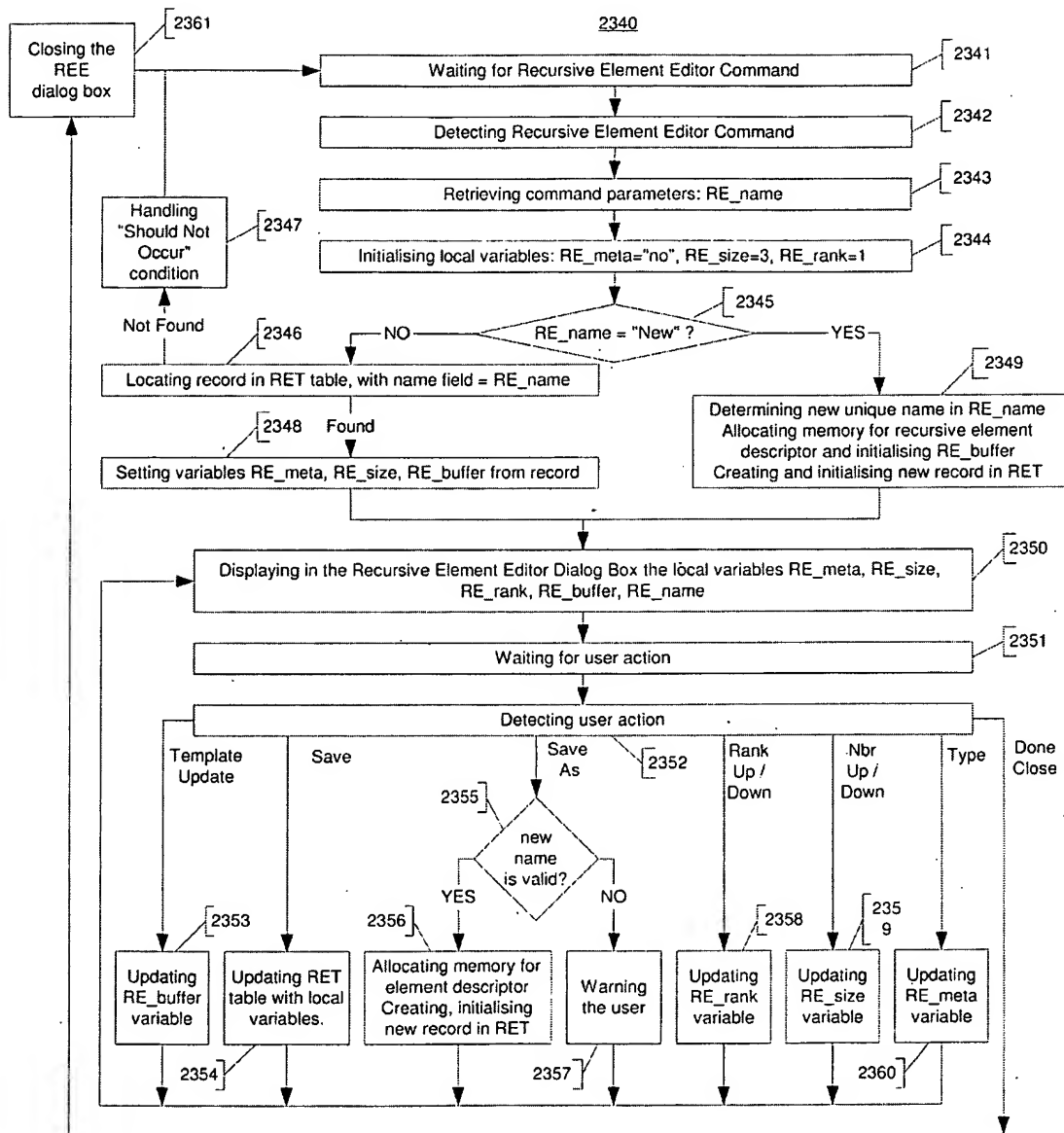
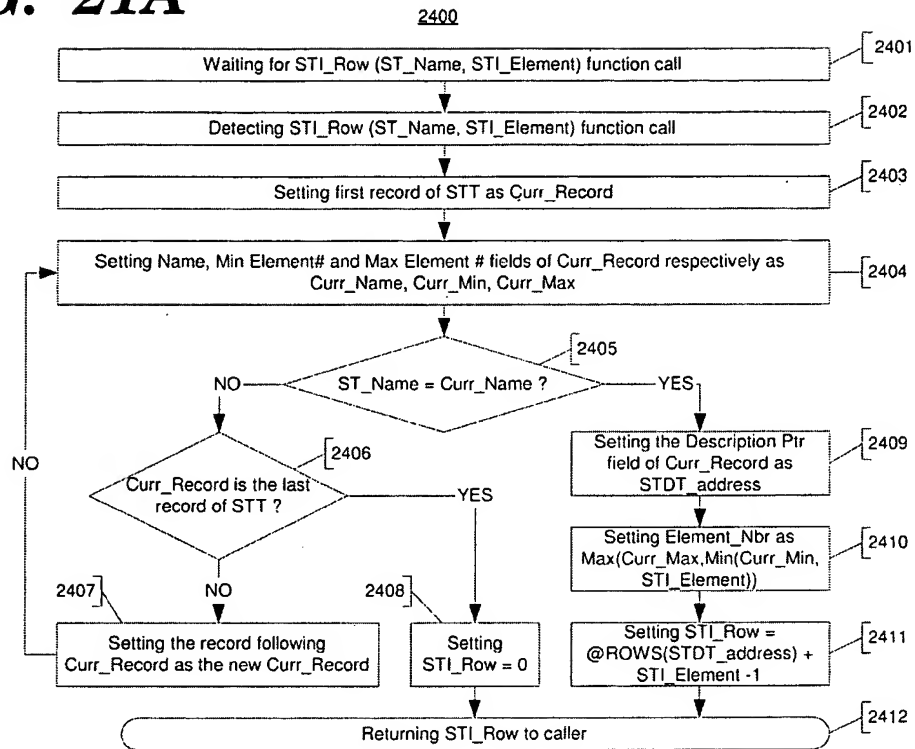


FIG. 20C

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**FIG. 21A****FIG. 21B**